

PERMIT APPLICATION: NRS #05-039

APPLICANT: J and S Construction, Inc.
1080 South Willow Avenue
Cookeville, TN 38501
(931) 528-7475

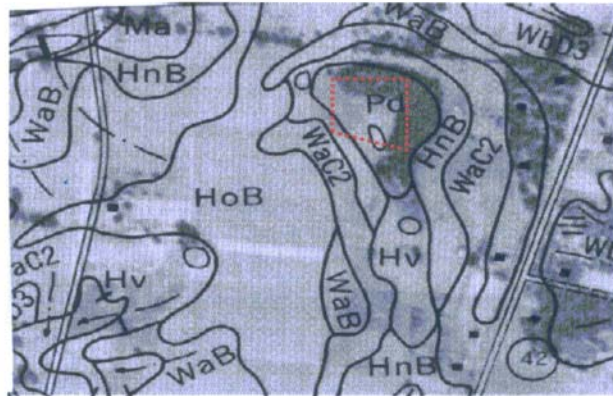
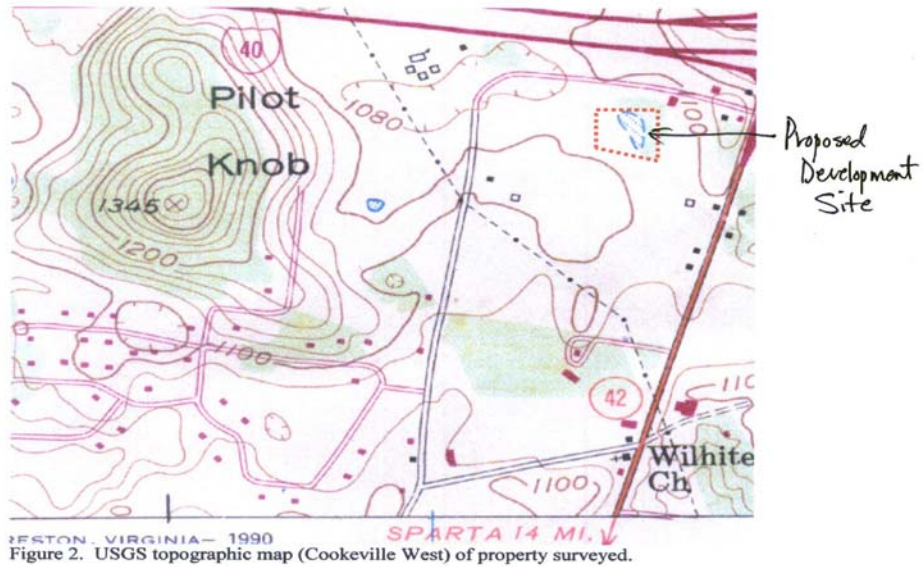
LOCATION: Project is bordered on the north by Bunker Hill Road and I-40, on the south by Sam's Wholesale Club and to the east by commercial properties and South Jefferson; Cookeville, Putnam County.

WATERSHED DESCRIPTION: Surrounding land use is commercial. The proposed wetland to be impacted is isolated in an open field. It is an herbaceous area dominated by bulrush (*Scirpus* sp.), rush (*Juncus* sp.) and cattail (*Typha* sp.)

PROJECT DESCRIPTION: The applicant proposes to construct a commercial facility at the above location. The construction of the facility will require the placement of fill in 1.1 acres of jurisdictional wetland. Compensatory wetland mitigation will occur offsite with the creation of 4.4 acres. The creation area is located on an 8-acre site on Burgess Falls Road adjacent to Dixie Imperial Corporation. The created wetland will be excavated surrounding the existing wetland and intermittent stream. The wetland and intermittent stream shall remain intact. The created wetland will be planted in hardwoods, as well as, the existing wetland of 0.53 acres. The wetland mitigation site shall be monitored with annual reports submitted to this office.

PERMIT COORDINATOR: Mike Lee

TOPOGRAPHICAL QUADRANGLE: Cookeville West 326 NE



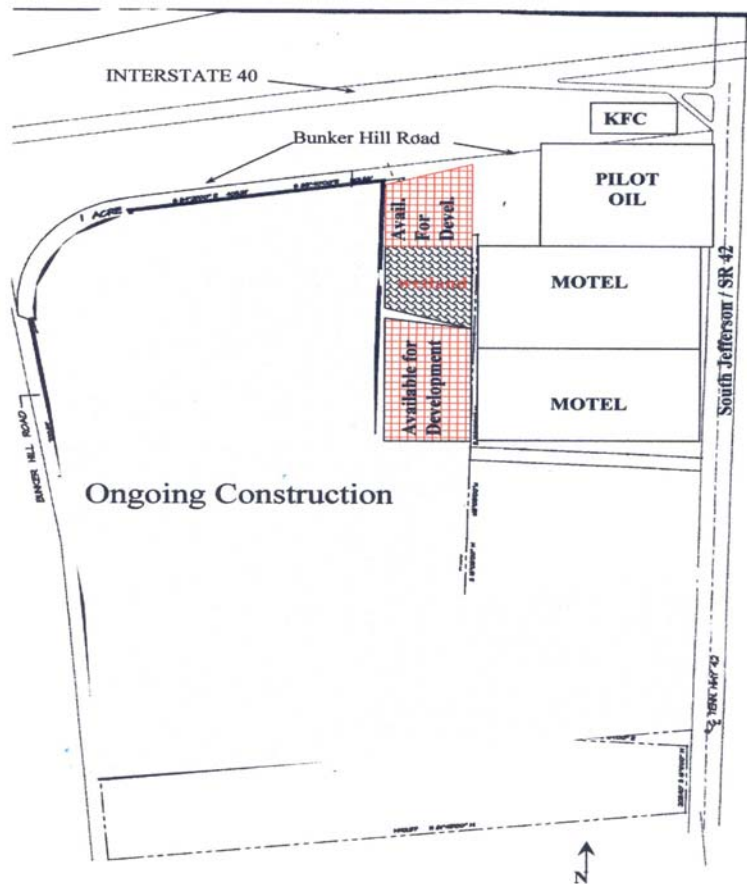


Figure 1. Location of wetland relative to highway intersections in Cookeville, Tennessee.

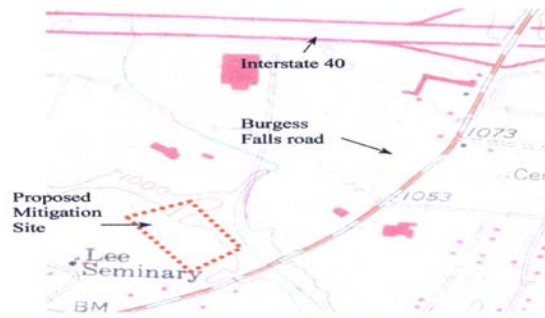


Figure 5. USGS (Cookeville West, Tenn.) showing location of proposed mitigation.

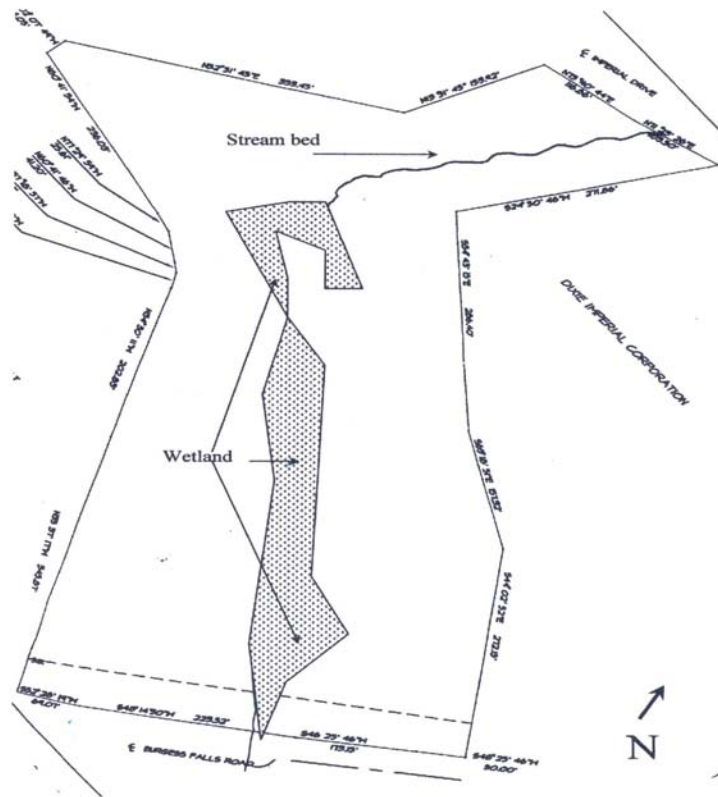
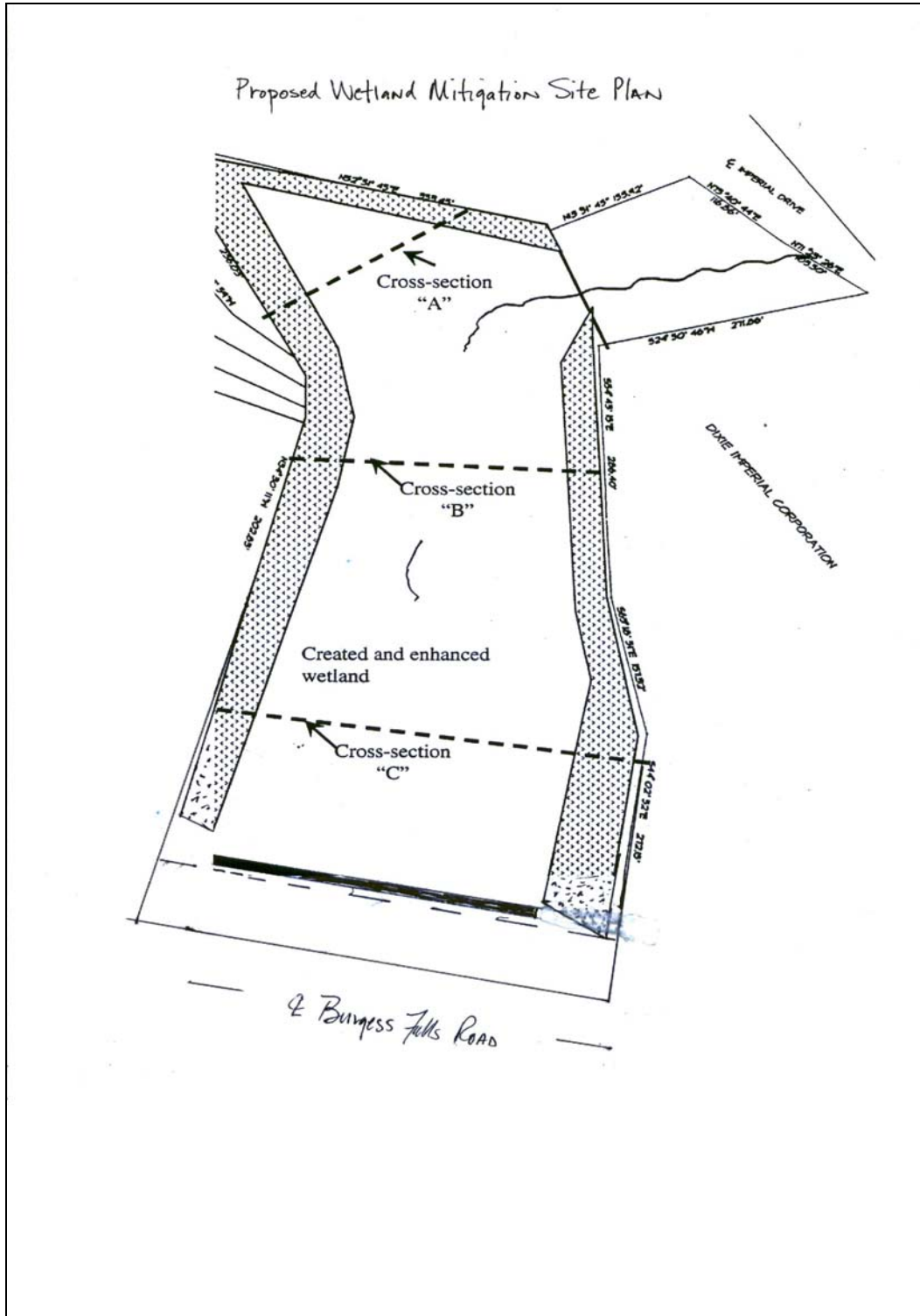


Figure 6. Boundaries of the site proposed for mitigation and location of existing wetland.



ARAP #05-039
J AND S CONSTRUCTION
PAGE 7.

Cross-sections of final mitigation site showing areas of enhanced wetlands and constructed wetlands. Upper part of drawing shows finished grade.

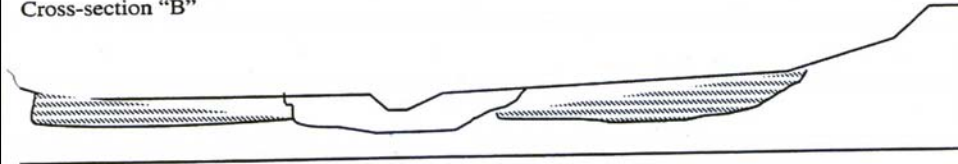
Enhanced Wetland
Cross-section "A"



Constructed wetland



Cross-section "B"



Cross-section "C"



Proposed Wetland Mitigation Site Plan



Photo 1. Wetland during summer 2004.



Photo 2. Wetland during summer 2004.

ARAP #05-039
J AND S CONSTRUCTION
PAGE 9.



Photo 9. Mitigation site showing surface flow following rain in January 2005.



Photo 10. Mitigation site showing intermittent stream as it enters the site.

